Segment Installation Procedures
Netscape Enterprise Server (NSENT)
Version 2.0.0.0/3.01 (HP-UX 10.20)

October 27, 1997

Table of Contents

Preface

The following conventions are used in this document:

Bold	Used for information that is typed, pressed, or selected in executables and instructions. For example, select **connect to host**.
Italics	Used for file names, directories, scripts, commands, user IDs, document names, and Bibliography references; and any unusual computerese the first time it is used in text.
<u>Underline</u>	Used for emphasis.
Arrows <>	Used to identify keys on the keyboard. For example <Return>.
"Quotation Marks"	Used to identify informal, computer-generated queries and reports, or coined names; and to clarify a term when it appears for the first time. For example "Data-Generation Report."
Courier Font	Used to denote anything as it appears on the screen or command lines. For example tar xvf dev/rmt/3mm.
Capitalization	Used to identify keys, screen icons, screen buttons, field, and menu names.

1. Installation Procedures

1.1 Scope

These Installation Procedures (IP) provide a quick reference for installing the Netscape Enterprise Server (NSENT) segment for the Defense Information Infrastructure (DII) on Hewlett-Packard (HP)-based machines.

1.1.1 Identification

This section contains identification information for the NSENT segment:

Segment Name:	Netscape Enterprise Server
Segment Type:	COTS:COE CHILD
Prefix:	NSENT
Home Directory:	*/h/COTS/NSENT*
Required License:	Netscape Enterprise Server License
Version Number:	2.0.0.0/3.01
Platform:	HP (UNIX) Workstation/HP-UX 10.20

1.1.2 System Overview

This section contains system overview information for the NSENT segment:

Purpose:	NSENT is an Enterprise Server application produced by Netscape Communications Corporation, which manages the storing of and access to web pages. Access to the server is performed with the Hypertext Transmission Protocol (HTTP).
Usage:	This NSENT segment can be used to host and transmit web pages between DII sites.
References:	"Netscape Enterprise Server – Administrator's Guide (UNIX)" from Netscape Communications Corporation (accompanies each licensed copy of the Netscape Enterprise Server). On-line documentation accompanies the software, and additional documentation can be downloaded from Netscape at *http://www.netscape.com/*.

This page intentionally left blank.

2. Referenced Documents

"*Netscape Enterprise Server – Administrator's Guide (UNIX)*" from *Netscape Communications Corp.* (which accompanies each licensed copy of the Netscape Commerce Server).

3.   System Environment

3.1   System Requirements

3.1.1   Hardware Requirements

The following Sun hardware is necessary to install the NSENT segment:

- C   HP-UX 10.20
- C   111 MB before expansion; 230 MB of disk space after expansion
- C   32000 KB of memory

3.1.2   Operating System Requirements

The HP operating system must be at least HP-UX 10.20 to install the NSENT segment.

3.1.3   Kernel Requirements

The following DII COE Kernel is required to install the NSENT segment:

DII COE Kernel V3.2 for HP-UX 10.20

3.2   System and Site Preparations

3.2.1   System Configuration

Enter the Netscape SuiteSpot Servers, PERL and Netscape Enterprise Server segments into the COE Component Table (*/h/COE/data/Comp_Table*). Install the Netscape SuiteSpot Servers and PERL segments.

3.2.2   Operation System Preparation

None.

3.2.3   Tape/Disk Preparation

None.

This page intentionally left blank.

4. Installation Instructions

4.1   Media Booting Procedures

None.

4.2   Installation Procedures for the NSENT Segment

NOTE:
To manage information about users and groups for use with Netscape Enterprise Server, you can use either an LDAP-compliant Directory Server such as the Netscape Directory Server or a local database that comes bundled with the Administration Server (installed with the Messaging Server). LDAP (Lightweight Directory Access Protocol) is the Internet standard directory service protocol designed to store and retrieve information about users, groups and other network data. Sites that wish to publish user and group information for use by mail clients such as Netscape's Communicator, or who need to deploy multiple Messaging Servers managed by a single administration framework, must use a Directory Server. The local database is intended primarily for sites running a stand-alone Netscape server.

Important:
If you plan to use Enterprise Server (NSENT) with the Netscape Directory Server, you must use the NSDIRY segment and you must install the Netscape Directory Server (NSDIRY) before installing the Messaging Server. The NSDIRY segment does not have to be installed (and should not be) on the same machine as the NSENT segment.

Before you install Netscape Enterprise Server 3.0 (NSENT) , ensure that:

C   You are using Netscape Navigator 3.0 (or later) to configure and administer the Messaging Server.
C   DNS is operating correctly and your machine name is configured correctly.
C   You know the SuiteSpot user and group accounts--for example, sspot and sspot.
C   If you are using the Directory Server to maintain user and group accounts, you know the machine name and port number of the Directory Server.
C   If you are using the Directory Server to maintain user and group accounts, you know the base DN (Distinguished Name) for the Messaging Server--for example, ou= DoD, o=USgov, c=US. (It is also helpful to know the "Directory Bind DN & Bind password.")

This section describes the procedures required to install the NSENT on DII HP machines.

Step 1:   To install the NSENT segment, select the **Netscape Enterprise Server** label from the COEInstaller's Select Software to Install window and click the **Install** button.

Step 2:   Enter the name of the SuiteSpot administrative user at the following prompt:

```
Please enter the admin login name [ admin ] :
```

NOTE: If you have previously installed one of the SuiteSpot segments on this platform, then the admin user name has already been established and you must enter it here. If this is the first SuiteSpot server segment to be installed (after the SuiteSpot segment itself, of course) then you are determining what the SuiteSpot login name will be. It is recommended that you accept the default (*admin*).

Step 3:   Enter the password for the SuiteSpot *admin* user account at the following prompt:

```
Please enter the admin password:
```

NOTE: If you have previously installed one of the SuiteSpot segments on this platform, then the *admin* password has already been established and you must enter it here. If this is the first SuiteSpot server segment to be installed (after the SuiteSpot segment itself, of course) then you are determining what the SuiteSpot login password will be. It must be at least six alphanumeric characters in length, and contain both letters and numbers.

Step 4:   The next question is very important. The PostInstall script will determine if an admin server has already been installed on the current platform and if it was configured to use LDAP. The following are the ways an admin server can be configured:
C   Not configured because it has not been installed yet.
C   Installed but not with LDAP.
C   Installed with LDAP

If you are told the admin server is already configured with LDAP, then you must answer *yes* to the question "**Do you wish to configure the server with LDAP?**".

To manage information about users and groups for use with Netscape Messaging Server 3.01, you can use either an LDAP-compliant Directory Server such as the Netscape Directory Server or a local database that comes bundled with the Administration Server (installed with the Messaging Server). LDAP (Lightweight Directory Access Protocol) is the Internet standard directory service protocol designed to store and retrieve information about users, groups and other network data. Sites that wish to publish user and group information for use by mail clients such as Netscape's Communicator, or who need to deploy multiple Messaging Servers managed by a single administration framework, must use a Directory Server. The local database is intended primarily for sites running a stand-alone Netscape server.

Step 5:   Next you must know or decide if you want to use Secure Sockets Layer (SSL) with LDAP. If you will be using SSL, then use *ldaps* instead of *ldap* when entering the URL. Also the port number for SSL is *636* instead of *389*. The information needed to enter the correct URL was provided at the end of the NSDIRY segment installation. You should have written this down.

```
Are you going to use the Secure Sockets Layer (SSL) to
connect to the LDAP Server [no]:
```

Step 6:   Please enter the fully qualified host name of the LDAP server.

```
Please enter the fully qualified host name of the LDAP
server [host.your.domain]:
```

Step 7:   Next, enter the port number the LDAP server is listening on. The default value is 389 for non SSL and 636 for SSL.

```
Please enter the LDAP port [389]:
```

Step 8:   Enter the LDAP Directory suffix. This should be the suffix that was entered when the directory server was installed. The default is: ou=DoD, o=USgov, c=US

```
Please enter the Directory suffix [ou=DoD, o=USgov,
c=US]:
```

Step 9:   Enter the administration user for the Admin Server. Please choose the default
             admin unless you used another name for your site. If using LDAP, this name must
             be the name used when the NSDIRY segment was installed.

             ```
             Please enter the Netscape LDAP admin username [admin]:
             ```

NOTE: If you have previously installed one of the SuiteSpot segments on this platform,
             then the admin user name has already been established and you must enter it
             here. If this is the first SuiteSpot server segment to be installed (after the
             SuiteSpot segment itself, of course) then you are determining what the
             SuiteSpot login name will be. It is recommended that you accept the default
             name (*admin*).

Step 10:   Please enter the password used for the administrator.

             ```
             Enter Netscape LDAP Admin password:
             ```

NOTE: If you have previously installed one of the SuiteSpot segments on this
             platform, then the *admin* password has already been established and you
             must enter it here. If this is the first SuiteSpot server segment to be
             installed (after the SuiteSpot segment itself, of course) then you are
             determining what the SuiteSpot login password will be. It must be at
             least six alphanumeric characters in length, and contain both letters and
             numbers.

Step 11:   The PostInstall script will try to bind and to the LDAP server based on the
             information provided. If this is unsuccessful the message "**Ldap Admin not
             found or could not connect to the Ldap Server with information given**."
             The installer is then ask the following question:

             ```
             Do you wish to Abort the installation?
             ```

             If the answer is yes, then the install will abort else the Ldap questions (steps 5 -10)
             will be asked again.

             If the bind operation was successful, then the Enterprise server will be installed.

4.2.1   De-Installation Instructions

To de-install NSENT, one must first have removed any Enterprise Server instantiations from the platform via Netscape's Admin Server. To use the Admin Server, run a web browser and connect to *http://machine name:5351/* (where *machine_name* is the name of the machine upon which the Enterprise Server is installed) and follow the on-line instructions for removing a server. Once all Enterprise Server instantiations are removed, then the segment will DEINSTALL via the COEInstaller.

4.3   Initializing the Software

Not required.

4.4   List of Changes and Enhancements

Not applicable.

4.5   Important Considerations

Determining the distinguished name of the subtree handled by this server is important to the entire directory system (i.e., it is not only of concern to your site). Follow the guidelines established by your engineering office regarding both the distinguished name of your site, DNS aliasing, and directory replication.

This page intentionally left blank.

5. Notes

None.

This page intentionally left blank.